


COOPERATIVE GAME FISH  
TAGGING PROGRAM  
ANNUAL NEWSLETTER  
1990

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# **NOAA Technical Memorandum NMFS-SEFC-295**

**COOPERATIVE GAME FISH TAGGING PROGRAM ANNUAL NEWSLETTER 1990**

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
John A. Knauss, Administrator

NATIONAL MARINE FISHERIES SERVICE  
William W. Fox, Jr., Assistant Administrator for Fisheries

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The Cooperative Game Fish Tagging Program is a joint research effort by scientists, recreational, and commercial fishermen. It is designed to provide basic information on the movements and biology of game fish populations in the Atlantic Ocean, Gulf of Mexico, and the Caribbean Sea through the direct participation of the public in scientific research.

In 1990, program cooperators and scientists tagged and released 10,955 fish of 47 species in the Atlantic Ocean, Gulf of Mexico, and the Caribbean Sea. A total of 6,970 billfish were tagged and released: 3,309 sailfish, 1,274 white marlin, 1,993 blue marlin, and 394 swordfish. There were 1,256 tunas tagged and released: 597 yellowfin, 415 bluefin, and 244 miscellaneous tunas. Other species tagged and released by program cooperators were: 581 red drum, 772 tarpon, 456 king mackerel, 320 amberjack, and 201 cobia. In addition, 399 fish of 32 miscellaneous species were tagged and released.

### Sailfish

In 1990, 3,309 sailfish were tagged and released. Recreational fishermen tagged and released 3,304, while commercial fishermen tagged 5 fish. As in past years, the east coast of Florida was the leading tagging area with 1,684 releases. Areas where more than 100 fish were tagged and released were: 615 off Venezuela, 431 off Cancun, Mexico, 272 off Cozumel, Mexico, and 156 off the mid-Atlantic states (North Carolina to New York). Tagging of sailfish was also conducted by program cooperators in the Gulf of Mexico, Bahamas, Puerto Rico, Virgin Islands, Caribbean Sea, and the west coast of Africa.

There were 55 sailfish recaptures in 1990 (Appendix 1): 48 by recreational fishermen, 6 by commercial fishermen, and 1 where gear was unknown. Thirty-four (34) recaptures were from sailfish tagged and released off the Florida east coast: 29 were recaptured in the same general area of release, 4 off the Florida Keys, and 1 off the coast of the Dominican Republic. There were 5 recaptured sailfish released off the Florida Keys: 1 in the same area of release, 4 off the Florida east coast. There were 5 recaptured sailfish released off Cancun, Mexico: 2 were recaptured in the area of release, 2 off the Florida east coast, and 1 recaptured in the Gulf of Mexico. There were 2 recaptured sailfish tagged and released off Cozumel, Mexico: 1 was recaptured off Cancun, Mexico, and the other was recaptured in the Gulf of Mexico. Single sailfish tagged and released in the Bahamas and off Hatteras, North Carolina, were recaptured off the Florida east coast. There were 3 recaptures reported that did not have release information as well as 3 recaptured sailfish from previous years reported in 1990. One sailfish tagged and released in 1987 off Islamorada, Florida, was recaptured in the same area in 1989. Two other sailfish were tagged and released off the Florida east coast (one in 1988 and the other in 1989); 1 was recaptured in the same area of release in 1989 and the other was recaptured off the northern coast of Cuba in 1989.

Thirty-one (31) sailfish were recaptured that had been at large for less than 1 year, 14 for 1-2 years, 5 for 2-3 years, and 1 for 3-4 years, and one for over 4 years (Figure 1).

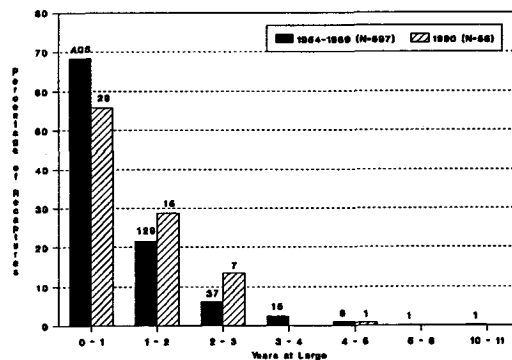


Figure 1: Percentage of sailfish recaptures, 1954-89 and 1990. (Number over bar indicates number of fish represented by that column.)

The longest distance traveled by a sailfish recaptured in 1990 (Figure 2) was by a fish tagged and released off Port Aransas,

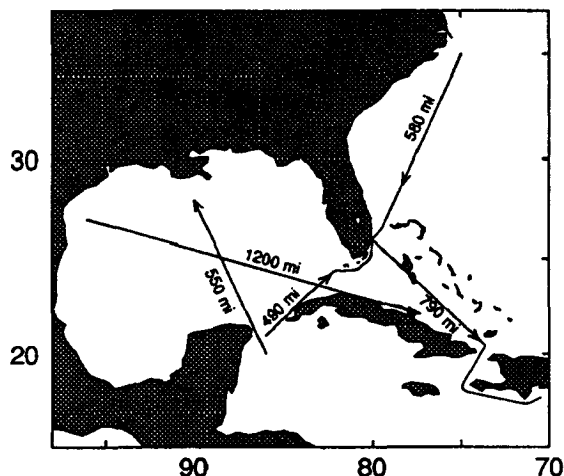


Figure 2: Minimum straight-line movements of selected 1990 tag-recaptured sailfish.

Texas, and recaptured off Cayo Confitti, Cuba, a straight-line distance of about 1200 miles from the release point.

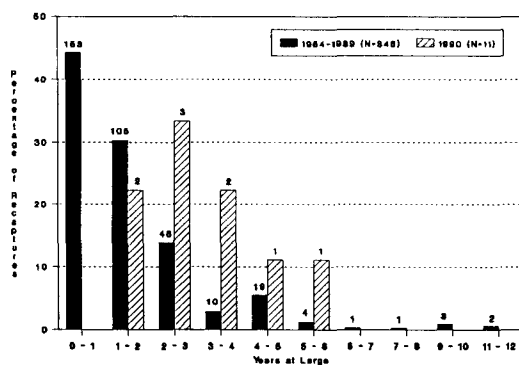
### White Marlin

There were 1,274 white marlin tagged and released in 1990, recreational fishermen tagged 1,239 and commercial fishermen tagged 35. The leading tagging area was the mid-Atlantic states with 649 releases, followed by La Guaira, Venezuela, with 185 fish, 150 in the Gulf of Mexico, 56 off the mid-Atlantic coast, 31 off the east Florida coast, 44 off Cancun, 34 off St. Thomas, U.S. Virgin Islands, 35 in the Bahamas, 28 off Cozumel, and 23 off Puerto Rico. White marlin tagging was also conducted by program cooperators in Hispaniola, off the northeastern coast of the United States, Bermuda, Jamaica,

Cuba, west coast of Africa, and the western Atlantic (more than 100 miles off of the U.S. coast).

There were 11 white marlin recaptures reported in 1990 (Appendix 1). Six were recaptured from releases off the mid-Atlantic states: 4 were recaptured in the same general area of release, 1 off Canada, and 1 off the Dominican Republic. There were 3 recaptures from releases off La Guaira, Venezuela, all were recaptured in the same general area of release. Two recaptures were reported that did not have release information. There was 1 recapture from 1988 and 3 recaptures from 1989 reported in 1990. A white marlin tagged and released in 1985 off La Guaira, Venezuela, was recaptured in 1988 in the same general area of release, another white marlin tagged and released off La Guaira in 1986 was recaptured in 1989 east of Trinidad, British West Indies. A white marlin tagged and released in 1989 off St. Thomas, U.S. Virgin Islands, was recaptured the same year off the northeastern coast of Brazil. A white marlin tagged and released off Virginia Beach, Virginia, in 1989 was recaptured off the coast of Venezuela in the same year.

There were 2 white marlin at large for 1-2 years, 3 for 2-3 years, 2 for 3-4 years, 1 for 4-5 years and 1 for over 5 years (Figure 3). The longest distance traveled by a white marlin in 1990 (Figure 4), was from a release off the Mid-Atlantic states

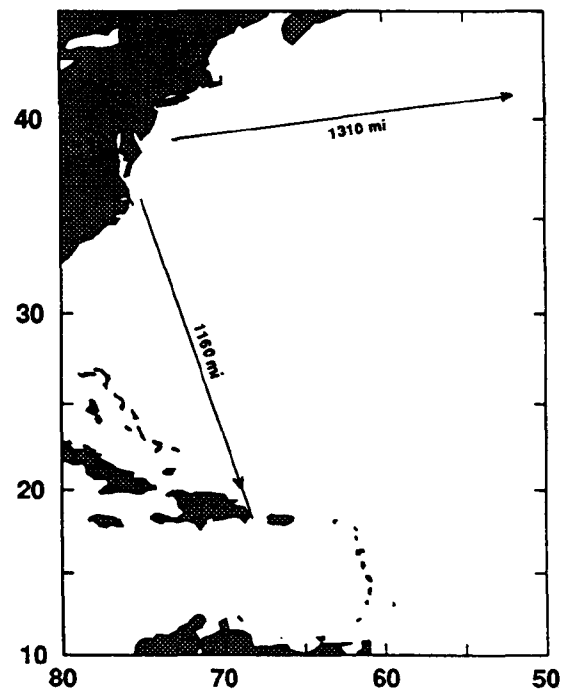


**Figure 3:** Percentage of white marlin recaptures, 1954-89 and 1990. (Number on bar indicates number of fish represented by that column.)

recaptured off the coast of Canada, a straight-line distance of about 1,300 miles.

## Blue Marlin

There were 1,993 blue marlin tagged and released in 1990: 1,986 by recreational fishermen, and 7 by commercial fishermen. This is the fourth year in a row that a record has been set for the most blue marlin tagged in a single year. As in past years, it was due in part to the number of blue marlin tagged off St. Thomas, where 669 were tagged and released. Other top areas of blue marlin tagging were: 372 off Puerto Rico, 213 in the Bahamas, 159 in the Gulf of Mexico, 119 off Hispaniola, 116 off the west coast of Africa, 110 off the northeastern coast of the United States, and 92 off the east coast of Florida. Blue marlin were also tagged in Cozumel



**Figure 4:** Minimum straight-line movements of selected 1990 tag-recaptured white marlin.

and Cancun, Mexico, the Caribbean Sea, and the western Atlantic.

There were 8 blue marlin recaptures in 1990 (Appendix 1). Two (2) of the recaptures were from blue marlin tagged and released off St. Thomas: 1 was recaptured off the Island of St. Vincent (Windward Islands), and the other off Grenada. Two (2) blue marlin recaptures were from releases in the Gulf of Mexico: 1 was recaptured off Hatteras, North Carolina, and the other was recaptured near the area of release. Two (2) blue marlin tagged and released off the coast of Venezuela were recaptured in the same area of release. Another blue marlin tagged and released off Puerto Rico was recaptured off Barbados, West Indies. A blue marlin tagged and released off the mid-Atlantic coast, was recaptured in the same area of release. Two (2) blue marlin recaptures were reported in 1990 from the years 1987 and 1989: the recapture from 1987 was from a release off South Pass, Louisiana and was recaptured off the Cuban coast the same year. The 1989 recapture occurred off the mid-Atlantic coast and did not have release data.

There were 6 blue marlin at large for less than 1 year, and 2 for 1-2 years (Figure 5). The longest distance traveled by blue marlin in 1990 was from a blue marlin tagged and released off South Pass, Louisiana, and recaptured off Hatteras, North Carolina, a minimum straight-line distance of about 1,370 miles, assuming that the marlin swam from the Gulf of Mexico around and up the Florida coast (Figure 6).

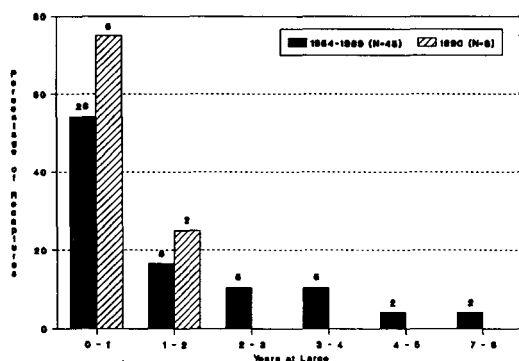


Figure 5: Percentage of blue marlin recaptures, 1954-1989 and 1990. (Number on bar indicates number of fish represented by that column.)

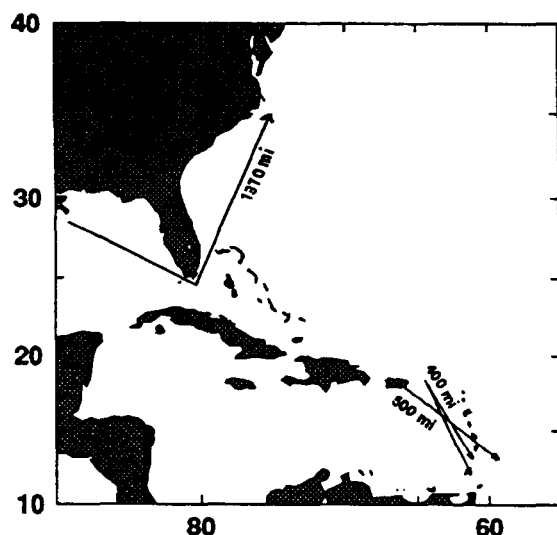


Figure 6: Minimum straight-line movements of selected 1990 tag-recaptured blue marlin.

### Swordfish

There were 394 swordfish tagged and released in 1990: 390 by commercial fishermen and 4 by recreational fishermen. Numbers of fish tagged and the tagging areas were: 120 off the northeastern United States, 113 off the mid-Atlantic states, 94 off the east coast of Florida, 54 in the Caribbean Sea, 24 in the Bahamas, 17 in the Gulf of Mexico; other tagging areas were the western north Atlantic (over 200 miles offshore, all tagged by commercial fishermen) and Canada.

There were 8 swordfish recaptures in 1990 (Appendix 1). There were 2 recaptures of swordfish released off the mid-Atlantic states--both were recaptured near their release points. Two (2) swordfish released in the northeastern Atlantic were recaptured near their release points. One (1) swordfish released off the Florida east coast was recaptured in the northeast Atlantic. One (1) swordfish released off New York was recaptured off the Florida east coast. One (1) swordfish released in the northeastern Gulf of Mexico was recaptured near the release point.

There was 1 swordfish at large for less than 1 year, 3 at large for 2-3 years, 2 at large for 4-5 years, 1 for 5-6 years, and 1 for over 8 years (Figure 7).

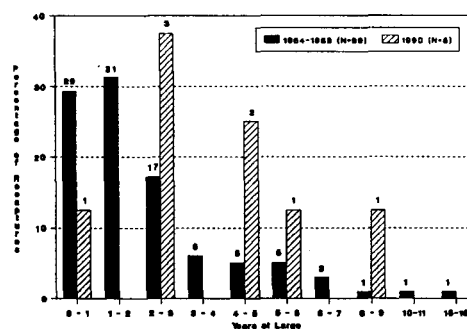


Figure 7: Percentage of swordfish recaptures, 1954-1989 and 1990. (Number on bar indicates number of fish represented by that column.)

The longest distance traveled by a 1990 tag-recaptured

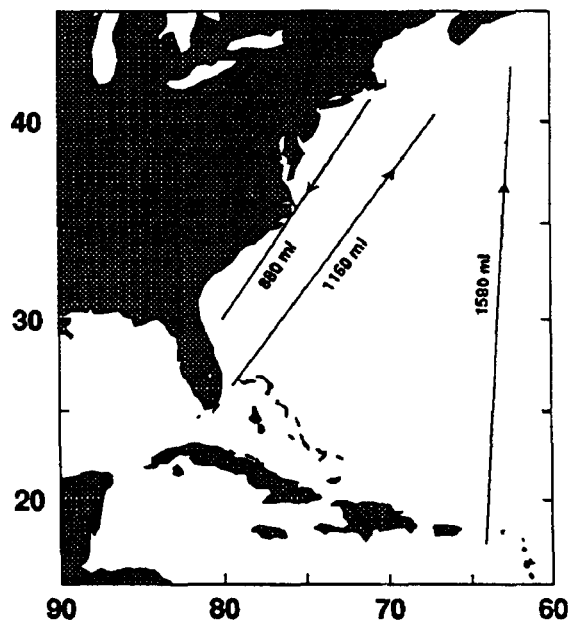


Figure 8: Minimum straight-line movements of selected 1990 tag-recaptured swordfish.

swordfish (Figure 8) was from a swordfish tagged off the U.S. Virgin Islands and recaptured in the northwest Atlantic; a minimum straight line distance of about 1,560 miles.

### Bluefin Tuna

There were 415 bluefin tagged and released by program cooperators in 1990: 392 were tagged and released off the mid-Atlantic states. Other tagging areas were the Bahamas, Florida east coast, Gulf of Mexico, and the western Atlantic. Recreational fishermen tagged and released all of the bluefin tuna.

There were 18 bluefin recaptures in 1990 (Appendix 1). Commercial fishermen reported 6 recaptures, 10 were reported by recreational fishermen, and 2 did not list gear. Eighteen (18) recaptures were from fish released off the mid-Atlantic states: 14 were recaptured near their release point, 2 were recaptured off the northeastern United States, and one each were recaptured off the Canadian coast and the Gulf of Mexico. There were 2 recaptures reported in 1990 from previous years: a 1986 recapture from a bluefin tagged off Coxes Ledge, Rhode Island, was recaptured in 1988 near the point of release.

Eight bluefin were at large (Figure 9) for less than 1 year, 1 for 1-2 years, 1 for 7-8 years, 2 for 8-9 years, 3 for 10-11 years, 1 for 12-13 years, and 2 for over 14 years. The longest

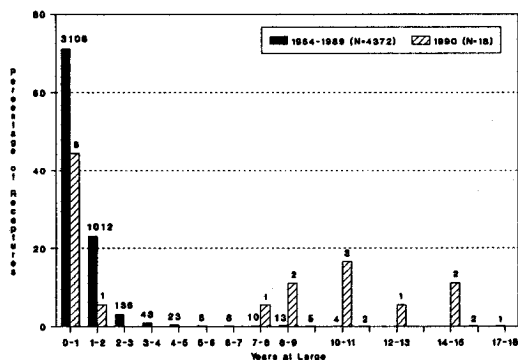


Figure 9: Percentage of bluefin tuna recaptures, 1954-1989 and 1990. (Number on bar indicates number of fish represented by that column.)

distance traveled by a bluefin recaptured in 1990 (Figure 10) was from a release east of Virginia Beach, Virginia, recaptured at 42°26'N, 63°55'W, a minimum straight-line distance of about 776 miles.

### Yellowfin Tuna

There were 597 yellowfin tuna tagged and released in 1990. Recreational fishermen tagged and released 534 fish, and commercial fishermen tagged and released 63 fish. The major tagging area was off the mid-Atlantic states where 464

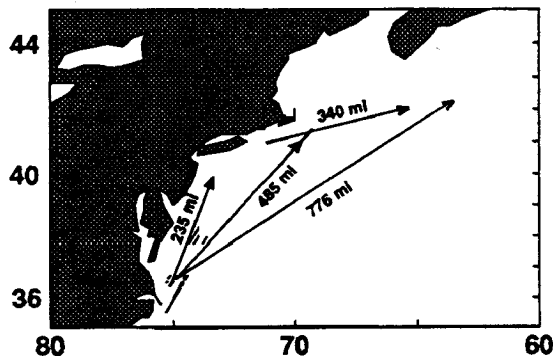


Figure 10: Minimum straight-line movements of selected 1990 tag-recaptured bluefin tuna.

yellowfin were tagged; 60 in the northern Gulf of Mexico, 24 off the northeastern United States. Other tagging areas were the Florida east coast, Bahamas, Bermuda, Virgin Islands, and the western north Atlantic.

There were 9 yellowfin tuna recaptures reported in 1990 (Appendix 1). Six recaptures were from mid-Atlantic releases: 3 were recaptured near their release point, and 3 made transatlantic migrations to the west coast of Africa. One of these traveled 3,510 miles in 876 days to an area 717 miles northwest of Liberia, another traveled 4,120 miles in 502 days to an area 410 miles southwest of Liberia, and the last yellowfin traveled 5,250 miles in 1,295 days to an area south of the equator and 894 miles southeast of Liberia (Figure 11). There was a yellowfin recapture from a release in the Gulf of Mexico which was recaptured in the Gulf of Mexico; a yellowfin tagged and released off Bermuda was recaptured off Puerto Rico. There was one recapture that did not have release information.

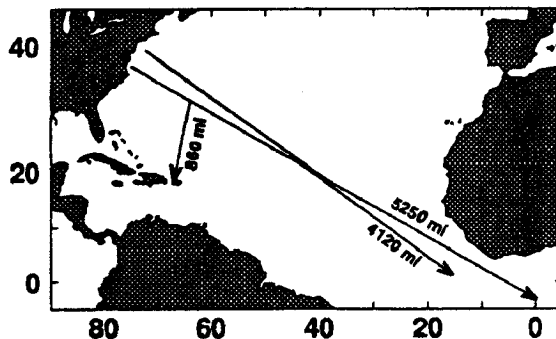


Figure 11: Minimum straight-line movements of selected 1990 tag-recaptured yellowfin tuna.

There were 5 yellowfin at large for less than 1 year, 1 for 1-2 years, 2 for 2-3 years, and 1 for 3-4 years (Figure 12). The

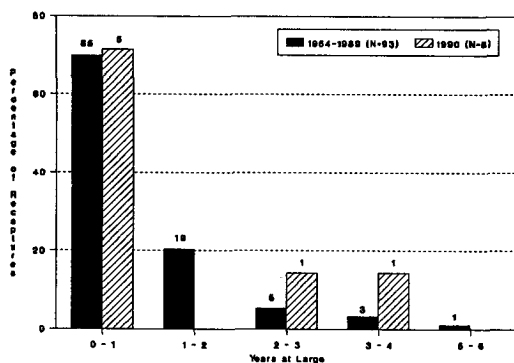


Figure 12: Percentage of yellowfin tuna recaptures, 1954-1989 and 1990. (Number on bar indicates number of fish represented by that column.)

longest time-at-large for a yellowfin tuna was 1,295 days, which was also the longest distance traveled--about 5,250 miles.

### Tarpon

There were 772 tarpon tagged and released in 1990. The majority of the releases were from the west coast of Florida where 311 tarpon were tagged and released; 276 were tagged and released in the Gulf of Mexico (primarily off the west coast of Florida), and 185 off the Florida east coast.

Eleven (11) tarpon recaptures were reported in 1990. There were 3 recaptures of fish released at Key West: 2 were recaptured in Key West, and 1 was recaptured off Boca Grande, Florida. Two (2) recaptures were from releases at Boca Grande, Florida: 1 was recaptured north of Boca Grande, off Dixie county and the other recapture was unique since only the tag was found under a bridge off Sebastian, Florida. Two recaptures were from releases off South Pass, Louisiana: one was recaptured near its release point, and the other was recaptured off Boca Grande, Florida. There was one recapture from each of the following areas of release: St. Lucie, Florida; recaptured in the same area, Sanibel Island, Florida, recaptured in the same area; and Stuart, Florida, recaptured near Ft. Lauderdale, Florida. One recapture did not have release data.

Due to budget cuts we are unable to include tarpon on our list of target species. Because of interest expressed by tarpon fishing enthusiasts and those concerned about the conservation of this species, we will continue to maintain the data base and provide our data for analysis. The distribution and purchasing of tags is now being managed by the Florida League of Anglers. They are attempting to provide tags to those who request them and are purchasing the tags with donations made to them by clubs and individuals. If you would like to assist them by tagging or by sending a donation please contact:

Florida League of Anglers  
c/o Norma Stopplebein  
P.O. Box 1109  
Sanibel, Florida 33957

### Amberjack

Program cooperators tagged and released 320 amberjack in 1990. The leading tagging area was the mid-Atlantic states with 167 amberjack tagged and released, followed by the south coast of Florida with 99 fish tagged, and the Gulf of Mexico with 49. Other tagging areas were Puerto Rico, Virgin Islands, and the Bahamas.

Twenty (20) amberjack recaptures were reported in 1990. There were 9 recaptures from releases off the Florida east coast: 7 were recaptured in the same area as released, and 2 were recaptured in the Florida Keys. Four (4) were from releases in the Gulf of Mexico and recaptured in the same area of release. Four (4) were from releases off Virginia: 2 were recaptured in the same area of release, one was recaptured in the Gulf of Mexico, and one recaptured in the Florida Keys. One (1) was from a Florida Key release and was recaptured in the same area of release. Two (2) recaptures did not have release data.

There were 13 amberjack at large for less than one year, 2 for 1-2 years, 1 for 2-3 years, 1 for 3-4 years, and 1 at large for 13.8 years. The longest distance traveled by an amberjack was from a release off Virginia and recaptured in the Gulf of Mexico, a minimum straight-line distance traveled of about 1,203 miles.

### King Mackerel

King Mackerel and Red Drum were added as target species in 1986. In this report, only the recreational associated releases and recaptures will be discussed in detail--recaptures of fish released by scientists will be discussed in general. A more detailed report of scientific taggings will be released at a later date.

There were 456 king mackerel tagged and released in 1990 by recreational fishermen: 246 were tagged in the northern Gulf of Mexico, 205 off Texas, 205 off the east coast of Florida, and 5 off the mid-Atlantic coast.

There were 13 recaptures of king mackerel tagged and released by sport fishermen. Four (4) were from releases off Texas: 2 were recaptured in the same area of release, 1 was recaptured in the northeast Gulf, and 1 was recaptured off Ft. Pierce, Florida. Four (4) were from releases in the northeast Gulf of Mexico: 1 was recaptured in the same area of release, 1 was recaptured off Tavernier, Florida, 1 off Key West, Florida, and 1 off Alabama. There were 2 recaptures from releases off North Carolina: 1 was recaptured in the same area of release, and the 1 was recaptured 69 miles south of Hatteras, North Carolina. There was 1 recapture from a release off the Virginia coast--it was recaptured 74 miles south of the release area after being at large for 863 days, which was the longest time-at-large for a king mackerel. Two (2) recaptures did not have release data.



The longest distance traveled by a king mackerel was from a fish tagged and released off the Texas coast, and recaptured off Ft. Pierce, Florida, a minimum straight-line distance of about 1200 miles.

## **Red Drum**

There were 581 red drum tagged by recreational fishermen in 1990. The majority of these (481) were tagged in the northern Gulf of Mexico, 86 off the east coast of Florida, and 14 off the coasts of North and South Carolina.

There were 33 red drum recaptures reported in 1990. Eleven (11) were from releases off Destin and Panama City, Florida, and were all recaptured near the areas of release; 17 released from South Pass, Louisiana were recaptured in or near the area of release; 3 released at Boca Grande, Florida, were recaptured in the same area of release. Two (2) recaptures were released off the Texas coast: 1 was recaptured 17 miles from the release area, and the other 104 miles. There were 12 recaptures from 1989 reported in 1990: 5 from releases off Louisiana, 4 from the northeast Gulf of Mexico, and 3 from the Florida west coast; all were recaptured near the area of release. The longest time-at-large for a red drum was from a release off Louisiana, recaptured 712 days later near the area of release.

## **Cobia**

There were 210 cobia tagged and released in 1990. The majority of the releases were from the Florida east coast where 102 cobia were tagged and released--84 were tagged and released in the northeastern Gulf of Mexico, and 15 off the mid-Atlantic states.

There were 13 recaptures in 1990. There were 6 recaptures from Florida east coast releases: 3 were recaptured near the area of release, 2 were recaptured in the Chesapeake Bay, and 1 was recaptured off the coast of Louisiana. There were 4 recaptures from cobia tagged and released off the Florida Keys: 3 were recaptured in the same area of release, and 1 was recaptured in the northeast Gulf of Mexico. There were 4 recaptures from releases in the northeast Gulf of Mexico: 2 were recaptured near the area of release, and the other off the coast of Louisiana.

The longest time-at-large was from a cobia that was released off Pensacola, Florida and recaptured 392 days later off the coast of Louisiana. The longest distance traveled by a cobia was from a cobia tagged and released off Port Canaveral, Florida, and recaptured off the coast of Louisiana, a minimum straight-line distance of about 1,050 miles.

## **Reward System Change**

Starting in the fall of 1991, we will initiate a new system of rewards for tag-recaptured fish. We will send a hat to the person who sends in a tag return and also to the person who originally tagged the fish. This new system supersedes our

previous policy of giving a cash reward (\$5.00) for recaptured fish. In this way we can say thanks to the program cooperators who tag their catch and those who send us recapture information of the fish they catch. We are able to offer hats as a "thank you" due to the generosity of the magazine **The Fisherman** with funds generated by their Annual Tag-a-Tuna Tournament. We wish to express our appreciation to the people who make this possible.

## **Tagging Hints**

Proper techniques for landing and handling your catch will contribute to a greater survival rate for tagged and released fish. An important factor in the survival of tagged released fish is the length of fighting time. Chances for recovery diminish during longer battles or if the fish is fought to a complete state of exhaustion, where it may die or become vulnerable to attack by predators. Set the hook quickly to prevent the fish from swallowing the bait, and use heavy tackle so it can be brought to the boat in less time.

Another critical factor is to handle the fish as little as possible. Excessive handling, such as taking a billfish out of the water for a picture-taking session, can have an adverse effect on a fish's survival. Some species of fish go into a deep state of shock due to a fright response and consequently may not recuperate. It is important to wet your glove or rag prior to handling, and leave the fish in the water, if possible.

Fish can usually be held in a suitable tagging position alongside the boat, using the leader to guide the fish while idling the boat ahead. The target site for the tag is probably one of the most important aspects of successful tagging. Aim for the middle or back part of the fish, above the midline--stay away from the head. Keep the tag high--anywhere from the midline down is likely to puncture some vital organ. Reach out and position the tag stick over the fish's back then push gently, as if you were plugging a cord in a wall socket. Too many anglers use the "javelin" method, holding the tag stick high, then swooping down as if to stab the fish to death. The streamer and forked end of the dart should be slanting toward the tail. After tagging, release the fish by cutting the leader close to the mouth if it has been hooked deeply or if the hook can't be removed quickly. Hook removal is not essential for a fish's survival and in many cases this can do more harm than good. Hooks made from metals that rust quickly should be used.

A tired or "winded" fish must be revived, either by moving it back and forth in the water, or gently towing it alongside the boat while idling forward. This procedure flushes water through the gills and gets oxygen back into the circulatory system. Watch your quarry to make sure it swims away. If it doesn't, recover the fish and try further resuscitation. Now comes the important part: fill out your release card immediately and return it ASAP. If you don't do this last step, you might as well not tag! Without the release information, tagging is of no value.

Remember, a released fish has an excellent chance of survival when handled carefully and correctly--a boated fish doesn't have any chance at all to survive.

## Recapture of Tagged Fish

Recaptured tagged fish is the last step in our tagging program, and one that is often neglected in this day and age of "Tag & Release." Remember, the tagging program is incomplete without data on recaptured fish. We consider tag recaptures to be biological gold mines of information because the entire growth history of these fish is recorded in their skeletal structures.

For example, the tag recapture dates from our records help us establish true age of the fish; recaptures can validate our ageing methods, and often determine the maximum longevity of a species. Therefore, we are encouraging all anglers to keep recaptured tagged billfish and tuna. Recapturing a tagged billfish or tuna is indeed a rare event and every fish has the potential of leading to a scientific breakthrough. Special

monetary rewards for the return of these fish (as well as the tags) are provided by The Billfish Foundation and the International Commission for the Conservation of Atlantic Tunas (\$25 for fish at large for one year or more). Payment of rewards requires confirmation of legitimate recaptures by the Cooperative Game Fish Tagging Program.

## What To Do If You Recapture a Tagged Billfish or Tuna

Anglers catching a tagged billfish or tuna should save the whole fish (by freezing if possible) and contact Dr. Eric Prince immediately at the Southeast Fisheries Center. For further instructions call Dr. Prince immediately at (305) 361-4248 during week days or at (305) 598-0944 on weekends or at night, or call the CGFTP toll free number 1-800-437-3936.

## Tagging Awards

Cooperative Game Fish Tagging Program and Axelson Fishing Tackle Company (AFTCO) TAG/FLAG Tournament first started a cooperative effort to recognize contributors to conservation of our marine fish resources in 1989. Several other tagging programs also backed the program, including Fish Trackers, Gulf Coast Conservation Association Tag Program, and the South Carolina Marine Gamefish Tag Program. Anglers and Captains were able to compete for handsome trophies for those tagging the most of each of the nine designated species (Table 1). The species covered in the tournament include albacore, bluefin tuna, yellowfin and bigeye (combined species), blue marlin, white marlin, sailfish, amberjack, and cobia. All species designated above had to be tagged and released in the Atlantic, Gulf of Mexico, or Caribbean Sea. Anglers and captains who tagged a designated number of the listed species received an AFTCO Tag Flag award. The number for each species to qualify for the AFTCO tag flag is listed as follows: albacore 5, amberjack 10, bigeye and yellowfin 5, bluefin 5, blue marlin 3, white marlin 5, sailfish 10, and cobia 10. For further information about the AFTCO TAG/FLAG Tournament contact the Cooperative Game Fish Tagging Program or the AFTCO Manufacturing Co., 17351 Murphy Av., Irvine, CA 92714.

**Table 1:** Winners of the 1990 individual trophies (both anglers and captains tagging the most fish in the designated species) for the AFTCO Tag/Flag tournament.

Winners		
SPECIES	CAPTAIN	ANGLER
Albacore Donated by:	Fred Rushin American Fishing Tackle Association	Rich Barrett New York Sport Fishing Federation
Bluefin Donated by:	Dennis Merten International Game Fishing Association	Robert E. Rowan International Game Fishing Association
Bigeye and Yellowfin Donated by:	John Bayliss American Fishing Tackle Association	Pete Barrett American Fishing Tackle Association

Table 1 cont.

Blue Marlin Donated by:	Randy Jendersee National Coalition for Marine Conservation	Rus Hensley National Coalition for Marine Conservation
White Marlin Donated by:	Luis Suarez The Billfish Foundation	W. O. Fenwick The Billfish Foundation
Sailfish Donated by:	Luis Millan Sport Fishing Institute	Hal Prewitt International Game Fishing Association
Amberjack Donated by:	Bill Wright Atlantic Coastal Conservation Assoc.	James C. Wright The Florida Conservation Association
Cobia Donated by:	Steve West The Florida Conservation Association	Buddy Schultz Atlantic Coastal Conservation Assoc.
King Mackerel Donated by:	David Cibulka Florida League of Anglers	—

The **Angler of the Year** was Pete Barrett, he tagged more fish as an angler than anyone else; the **Angler of the Year** trophy was sponsored by the AFTCO Manufacturing Company. The Cooperative Game Fish Tagging Program sponsors a trophy to the commercial captain who tags the most fish--the winner for 1990 was Captain Nelson Beideman.

The CGFTP extends its congratulations to the winning anglers, captains, and to the sponsoring organizations for their effort and cooperation in the conservation of our great natural resources.

### Tagging Box

We began to acknowledge participants of the CGFTP in 1976. Program participants are acknowledged again this year (see Tables 2 and 3) for target species tagged and released in the Atlantic Ocean, Gulf of Mexico, and the Caribbean Sea. We cannot give participants credit for fish tagged and released unless we receive the tag-release cards. We send you acknowledgment cards as a check to ensure that we have received the release cards and to inform participants that we have received the tagging information. Please make sure your return addresses are correct and legible. Tag acknowledgement cards will only be sent to the captains. If a name and address is not listed for a captain, acknowledgment cards will be sent to the anglers. If you would like an acknowledgment card to be sent to both angler and captain, please note this in the remarks section on the release report card. If you do not receive an acknowledgment card, please inform us as soon as possible. The tag-release cards are occasionally lost in the mail, and if we can find out about the loss before too much time passes, there may be a possibility that we can work together and retrieve the lost data. We also think that it would be a good idea to keep a log of tagging information so that you can provide us with accurate information in case the tag release card is lost in the mail.

For other tagging programs, please contact the following:

**Billfishes - Atlantic Ocean:**  
International Commission  
for Atlantic Tunas (ICCAT)  
Principe de Vergara  
28001 Madrid, SPAIN

**Sharks - Atlantic Ocean:**  
Cooperative Shark Tagging Program  
Mr. Jack Casey  
NOAA/NMFS  
Northeast Fisheries Center  
Narragansett Laboratory  
P. O. Box 522A  
Narragansett, RI 02882

**Unrestricted Species (angler pays nominal fee for tags):**  
American Littoral Society Fish Tagging Program  
American Littoral Society  
NOAA/NMFS, Sandy Hook Laboratory  
Highlands, NJ 02882

**Billfishes - Pacific Ocean:**

Cooperative Marine Game Fish Tagging Program  
Mr. James L. Squire, Jr.  
NOAA/NMFS, La Jolla Laboratory  
P. O. Box 271  
La Jolla, CA 92027

**All Species Recognized by IGFA - Australia:**

New South Wales State Fisheries  
Box N211  
Grosvenor St. Post Office  
Sydney, NSW 2000, Australia

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Appendix 1. Tagged oceanic pelagic fishes recaptured during 1990 as part of the Cooperative Gamefish Tagging Program, National Marine Fisheries Service, Miami Laboratory. Method of fishing is rod and reel (R/R), longline (LL), purse seine (PS), handline (HL), harpoon HAR), and gill net (GIL). Country abbreviations are: Japan (JAP), Mexico (MX), United States (US), Dominican Republic (DR), Virgin Islands (VI), Cuba (CU), Puerto Rico (PR), Ghana (GH), Granada (GN), Bahamas (BA), Spain (SP), Korea (KO), Bermuda (BD), and Venezuela (VE).

Location and Release Date	Location and Recapture Date	Days at Large	Tagger Captain	Method	Finder Captain	Method
<b>Sailfish</b>						
No Release Data	St. Petersburg, FL 6-30-90		---		Len Stamus ---	R/R
No Release Data	26°51'N, 91°27'W 7-1-90		---		Buster Rich ---	R/R
No Release Data	La Guaira, VE 10-23-90		---		Ronald Kulkin Luis Millan	R/R
Pompano Beach, FL 8-21-90	Pompano Beach, FL 8-21-90	0	Jim Boyd ---	R/R	Carlos Macias ---	R/R
24°56'N, 80°07'W 7-4-90	Ocean Reef, FL 7-5-90	1	Hank Halliger ---	US LL	Ron Marcum ---	R/R
Boynton Beach, FL 3-25-90	Miami Beach, FL 4-3-90	9	Gary Wujceak ---	R/R	John Holden Bouncer Smith	R/R
Ft. Lauderdale, FL 1-18-90	Miami, FL 2-4-90	17	Gary Beaver ---	N/A	Bob Kendes John B. Dudas	R/R
Key West, FL 12-31-89	Ft. Lauderdale, FL 1-26-90	26	Ken Williams Jay Weed	R/R	Bruce Frederick ---	R/R
Ft. Lauderdale, FL 10-21-90	Big Pine Key, FL 11-18-90	28	Hugh Lambert Jim Lambert	R/R	Dan Crowley ---	R/R
La Guaira, VE 7-8-90	La Guaira, VE 8-15-90	38	Hector Gonzales ---	R/R	---	N/A GIL
Jupiter, FL 1-16-90	Key Largo, FL 2-24-90	39	J. Richard Jeck ---	R/R	Dino D. Chouest ---	R/R
Ocean Reef, FL 3-26-90	Miami Beach, FL 5-12-90	47	Reed Wills Jay Champin	R/R	Vincent Rosell ---	US HL
Isla Mujeres, MX 6-1-90	21°36'N, 88°10'W 7-18-90	47	Brad Simonds ---	R/R	A.G. Cordova ---	US LL
Duck Key, FL 10-23-90	Ft. Lauderdale, FL 12-15-90	53	Justin Mumford Scott Walker	R/R	Greg Lymber Carroll Lee	R/R
Ft. Lauderdale, FL 11-11-89	Ft. Lauderdale, FL 1-3-90	53	Robert L. Kenp Dave Reilly	R/R	Rick Brady ---	R/R
Juno, FL 1-15-90	Ft. Lauderdale, FL 4-5-90	80	J. Richard Jeck ---	R/R	Carl Smith William Robinson	R/R

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**Appendix 1 (continued)**


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**Sailfish, cont.**

Isla Mujeres, MX 5-4-90	Ft. Lauderdale, FL 8-8-90	96	Thomas Rackley Paul Ivey	R/R	Gary Strickland Steve Heintz	R/R
Ft. Lauderdale, FL 2-7-90	Ft. Lauderdale, FL 5-14-90	96	Gary Adler Ned Stone	R/R	Jim Holland ---	R/R
Port Aransas, TX 8-10-90	Cayo Confitti, CU 11-22-90	104	Marie Halff Lewis Royal	R/R	Angel Justo ---	N/A
Aqumal, MX. 4-18-90	Belle Pass, LA 8-17-90	121	Chris Gooch Bob Reece	R/R	Ted Loupe ---	R/R
Dania, FL 11-3-89	Barahona, DR 5-4-90	182	Garland A. Rodriguez Chris Tole	R/R	Apolinar Feliz ---	N/A
Pompano Beach, FL 10 14-89	Pompano Beach, FL 5-12-90	210	Dave Brookmyer Rick Stealy	R/R	Ray Chasteen Chio Massa	R/R
Boca Raton, FL 11-3-89	Key Biscayne, FL 8-19-90	289	Dona Bart David Doll	R/R	Robert Kirkwood Chris Davidson	R/R
Ft. Lauderdale, FL 1-14-90	Ft. Lauderdale, FL 11-19-90	309	Bob Behrendt S. Kerrigan	R/R	Charlie Christy Jerry Porter	R/R
Walkers Cay, BA 7-31-89	Miami, FL 6-23-90	327	Rhonda Howard Chris Howard	R/R	Edgar Casios ---	US HL
Key West, FL 3-16-89	Tavernier, FL 2-11-90	332	Lana L. Carlton Bubba Gaston	R/R	Tim Pascal Tim DeMoss	R/R
Isla Mujeres, MX. 5-5-89	Cancun, MX 4-4-90	334	Diana Wood Fred Riffe	R/R	Hal Prewitt ---	R/R
Jupiter, FL 1-27-90	Jupiter, FL 12-30-90	337	John E. Huntley Butch Standeven	R/R	Paul Dolinoy ---	R/R
Ft. Lauderdale, FL 1-17-90	Jupiter, FL 12-23-90	340	Paul Nordin Tom Zsak	R/R	Dale Swinberne Charlie Bouchard	R/R
Boynton Beach, FL 11-18-89	Key Biscayne, FL 10-25-90	341	Gene Johnston George Hughes	R/R	Stephan Groves ---	R/R
Ft. Lauderdale, FL 10-28-89	Ft. Lauderdale, FL 10-14-90	351	Alan T. Strickland Jim Lambert	R/R	David White Jim White	R/R
Boca Raton, FL 1-6-90	Ft. Pierce, FL 12-30-90	358	Jimmy David Bob Tesher	R/R	Capt. Jones ---	R/R
Hobe Sound, FL 2-11-89	Miami, FL 2-3-90	357	Ed Kite Robert Frevert	R/R	Quinton Dietevle ---	R/R
La Guaira, VE 1-16-89	La Guaira, VE 10-15-90	364	Rus Hensley Dan Timmons	R/R	Ruben Jaen C. MD Carlos Gonzalez	R/R
La Guaira, VE 8-6-89	La Guaira, VE 8-11-90	370	Peter Betty Luis Millan	R/R	Salomon Galski ---	R/R

Appendix 1 (continued)

Sailfish, cont.

Palm Beach, FL 2-13-89	Islamorada, FL 2-19-90	371	Bill Semple Ed Joy	R/R	Steven Riley ---	R/R
Ft. Lauderdale, FL 1-25-89	St. Lucie, FL 2-2-90	373	Chris Zigler Joseph T. Kane	R/R	Ken Milton Bennie Shipp	R/R
La Guaira, VE 8-6-89	La Guaira, VE 8-15-90	374	Peter Betty Louis Millan	R/R	--- ---	VE GIL
Cozumel, MX 4-29-89	Contoy Island, MX 5-16-90	382	Bob Sarvis Kevin Deerman	R/R	George Keenan ---	R/R
St. Lucie, FL 11-25-89	Ft. Lauderdale, FL 12-30-90	400	Chris Ponsoldt Jerry Woodard	R/R	Jim Holland ---	R/R
Ft. Lauderdale, FL 10-28-88	Jupiter, FL 1-5-90	434	Carol Dooner John Dooner	R/R	Fred Clark ---	R/R
Port Canaveral, FL 9-22-88	Islamorada, FL 1-27-90	480	David Bussart Rob/C. Bussart	R/R	Alex Adler ---	R/R
Miami, FL 4-28-89	Ft. Lauderdale, FL 10-21-90	541	Larry Lottenberg Rusty Waters	R/R	David B. Smith Julia Smith	R/R
Stuart, FL 3-3-89	Miami Beach, FL 10-20-90	596	David Bell Bennie Shipp	R/R	David Kostyo ---	R/R
Islamorada, FL 3-11-88	Hobe Sound, FL 2-18-90	709	Andy Wolfe Brad Simonds	R/R	William Carson ---	R/R
Palm Beach, FL 12-31-88	Key Biscayne, FL 12-22-90	721	Dayne Wright Scott Parsons	R/R	Ron Riebe ---	R/R
Key West, FL 10-30-88	Ft. Lauderdale, FL 10-21-90	728	Tom McCall Ray Lovell	R/R	James Stansell ---	R/R
Stuart, FL 12-29-88	Ft. Lauderdale, FL 12-29-90	730	Wood McCurry Bennie Shipp	R/R	Evelynne Angus Bill Noll	R/R
Isla Mujeres, MX 6-1-88	Chabihau, Yucatan, MX 7-15-90	774	Brad Simonds ---	R/R	--- ---	MX LL
Pompano, FL 11-7-87	Palm Beach, FL 1-15-90	800	Kevin McDaniel ---	R/R	Dick Hartman Fred Hastings	R/R
Hatteras, NC 8-20-87	Jupiter, FL 1-4-90	868	Marion C. Dean Benjie Stanski	R/R	Fred Clark ---	R/R
Ft. Lauderdale, FL 5-11-87	Hallandale, FL 3-3-90	1027	Tom Zack ---	R/R	Allan G. Summers ---	R/R
Boca Raton, FL 11-28-87	Boynton Beach, FL 11-23-90	1091	Dave Reilly Dick Russell	R/R	David B. Lobach Mike Lobach	R/R
Jupiter, FL 1-10-87	Miami, FL 3-3-90	1148	George Poveromo ---	R/R	Jorge A. Liriano ---	R/R

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**Appendix 1 (continued)**


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**Sailfish, cont.**

Isla Mujeres, MX 5-10-85	Cancun, MX 4-3-90	1789	Wayne Hardy Brad Simonds	R/R	Linda Shimek Jay Cohen	R/R
Islamorada, FL 11-8-87	Islamorada, FL 1-15-88*	68	Alan Kehlmann John Hopwood	R/R	Alex Adler ---	R/R
Ft. Pierce, FL 5-11-89	21°10'N, 76°30'W 11-11-89*	184	Jenny Worsham R. Constantineau	R/R	Andre Rodriguez ---	N/A
Lake Worth, FL 1-27-88	Jupiter, FL 1-30-89*	369	Alan G. Summers ---	R/R	Jim Pennington ---	R/R

**White Marlin**

No Release Data	40°30'N, 71°07'W 9-10-90	---	---		Robert A. Conway Al Anderson	R/R
No Release Data	35°57'N, 74°30'W 9-1-89	---	---		Murray Cudworth ---	US LL
38°11'N, 73°25'W 8-26-89	41°13'N, 52°00'W 9-29-90	397	John P. Seitzinger Ben DiStefano	R/R	Namio Yamasaki ---	JA LL
Oregon Inlet, NC 7-9-89	Ocean City, NJ 8-26-90	413	Benjie Stansky ---	R/R	Bruce Noll, Jr. Bruce Noll, Sr.	R/R
Baltimore Canyon 9-12-88	Fire Island, NY 9-27-90	745	Scott Levin Walter Hill	R/R	Don Azzato ---	R/R
La Guaira, VE 11-23-87	La Guaira, VE 7-15-90	965	Jane Gray Skeet Warren	R/R	---	N/A GIL
Virginia Beach, VA 9-27-87	18°30'N, 68°20'W 6-3-90	980	Fred Rushin ---	R/R	Mario Del Gado ---	DR R/R
La Guaira, VE 9-17-84	La Guaira, VE 7-15-90	1397	Stewart Campbell Bark Garnsey	R/R	---	VE GIL
La Guaira, VE 9-9-86	La Guaira, VE 8-18-90	1439	Ed Gaytor Harry Hall	R/R	Daniel Vargas Luis Suarez	R/R
39°55'N, 71°12'W 8-29-85	40°01'N, 71°20'W 7-20-90	1786	Jim Hardee ---	US LL	Bill Imperiale ---	R/R
La Guaira, VE 9-25-84	La Guaira, VE 7-15-90	2112	Stewart Campbell Bark Garnsey	R/R	---	VE GIL
La Guaira, VE 7-15-85	La Guaira, VE 3-3-88*	962	Hal Hunter Billy Black	R/R	---	VE N/A
St. Thomas, VI 1-18-89	01°43'W, 38°30'W 12-1-89*	105	Ernie Tenzer Bill Spolar	R/R	Ho Don Ha ---	KO LL



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Appendix 1 (continued)

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**White Marlin, cont.**

Virginia Beach, VA 8-29-89	11°22'N, 64°45'W 12-19-89*	112	Billy Wright ---	R/R	Alberto Wettel ---	VE LL
La Guaira, VE 9-9-86	09°59'N, 59°35'W 10-15-89*	1132	Art McDonald Red Michael	R/R	Michael Langer ---	US LL

**Blue Marlin**

35°50'N, 74°50'W 8-10-90	35°10'N, 75°05'W 8-30-90	20	Bernie McCants John Bayliss	R/R	Michael Clarkin ---	R/R
St. Thomas, VI 8-29-90	Grenada, WI 11-23-90	86	Brad Simonds ---	R/R	Kenny Paul ---	N/A
Dorado, PR 9-6-89	Barbados, WI 1-10-90	126	Jose R. Terrassa J.E. Terrassa	R/R	Chris Ward ---	US LL
La Guaira, VE 10-1-89	La Guaira, VE 4-20-90	201	Rus Hensley Dan Timmons	R/R	Bernardo Schummer ---	R/R
South Pass, LA 8-17-89	Hatteras, NC 6-10-90	297	Bob Lee Ron Locke	R/R	Don McArthur ---	R/R
Pensacola, FL 6-17-89	29°50'N, 87°00'W 5-27-90	344	Frank Moses John E. Wimberly	R/R	Donald Long Craig Barrows	R/R
La Guaira, VE 10-30-89	La Guaira, VE 12-28-90	424	Steve Douglass Luis Suarez	R/R	Donald Pegg ---	R/R
St. Thomas, VI 7-13-89	St. Vincent, WI 1-8-90	910	Gloria Gray Marty Snow	R/R	John Thomas ---	N/A LL
No Release Data	31°12'N, 78°31'W 9-2-89*		---		Chris Coats ---	R/R
South Pass, LA 6-18-87	Bacuranao, CU 9-1-87*	75	Brent Calongne Bill Hart	R/R	---	MX LL

**Swordfish**

26°45'N, 79°43'W 3-15-90	40°31'N, 67°05'W 6-25-90	102	T. Baker Dunn ---	US LL	Rodney M. Avila ---	US LL
40°14'N, 66°41'W 12-24-87	40°39'N, 66°40'W 7-15-90	934	NMFS Observer ---	JAP LL	Brian Mello ---	N/A
40°06'N, 67°13'W 12-8-87	40°40'N, 66°35'W 7-17-90	952	NMFS Observer ---	JAP LL	Luis M. Pacheco ---	US GIL

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**Appendix 1 (continued)**


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**Swordfish, cont.**

17°40'N, 64°10'W 9-15-87	42°50'N, 62°38'W 9-13-90	1094	John Strantz ---	US LL	James F. De Mings ---	R/R
Montauk Point, NY 9-12-85	Jacksonville, FL 4-15-90	1676	Chip Coffin ---	US LL	Steve Ellis ---	US LL
39°10'N, 71°10'W 10-15-85	38°13'N, 73°30'W 8-10-90	1761	Tony Gusman ---	US LL	Mike Adkins ---	US LL
28°50'N 86°30'W 7-1-85	29°06'N, 86°25'W 12-27-90	2005	Mike Barnett ---	US LL	Buster Rich ---	US LL
36°19'N, 74°31'W 9-11-81	35°50'N, 74°43'W 3-2-90	3094	NMFS Observer ---	JAP LL	William Turner ---	US GIL
39°59'N, 66°55'W 12-3-87	40°20'N, 67°10'W 9-5-89*	642	NMFS Observer ---	JAP LL	Rick Mears ---	US LL

**Bluefin Tuna**

Montauk, NY 9-22-90	40°08'N, 73°25'W 9-30-90	8	Barbara L. Immergut Dennis Merten	R/R	James J. Elek ---	R/R
40°33'N, 71°27'W 9-1-90	40°37'N, 70°47'W 9-16-90	15	Henry Laurelli Robert Melocarro	R/R	Bob Bears Alan P. Gelfuso	R/R
40°44'N, 71°52'W 9-20-90	40°00'N, 73°20'W 10-12-90	22	Tom Beyers Paul Young	R/R	Sandy Revel ---	R/R
40°36'N, 71°06'W 9-6-90	40°06'N, 73°38'W 10-3-90	27	Brian Sweeny Rich Templeton	R/R	Christian Specht ---	R/R
40°33'N, 71°30'W 9-2-90	40°22'N, 71°30'W 10-4-90	32	Rick Pagliuca ---	R/R	R.C. Hughes, Jr. ---	R/R
Nantucket, MA 8-12-90	40°00'N, 73°20'W 9-18-90	37	Chole Casta Ben Tribken	R/R	Robert West ---	R/R
40°32'N, 71°30'W 8-29-90	40°00'N, 72°00'W 10-17-90	49	Charles Johnson ---	R/R	John Zaweski ---	R/R
Nantucket, MA 7-28-90	40°00'N, 73°20'W 9-27-90	152	John Trearchis Ben Tribken	R/R	James Munley ---	R/R
36°41'N, 75°07'W 6-18-89	40°08'N, 73°29'W 10-6-90	475	Jason Carroll Ricky Carroll	R/R	George Lewis ---	R/R
Block Island, NY 9-13-83	42°04'N, 65°37'W 9-13-90	2557	John Mauder Al Anderson	R/R	James Mood ---	US HL
Virginia Beach, VA 6-25-82	43°00'N, 70°10'W 7-20-90	2947	Kathy Bethea William Bethea	R/R	Albert Paloantonio ---	R/R

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**Appendix 1 (continued)**


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**Bluefin Tuna, cont.**

36°32'N, 75°19'W 6-21-81	26°41'N, 92°08'W 2-12-90	3158	Scientific Staff ---	US PS	Barney Shirah ---	US LL
36°33'N, 75°21'W 6-24-80	43°08'N, 70°02'W 7-1-90	3659	Scientific Staff ---	US PS	Ray Maimone ---	US HL
36°31'N, 75°23'W 6-24-80	41°40'N, 69°30'W 9-15-90	3735	Scientific Staff ---	US PS	Roger Hillhouse ---	US PS
36°53'N, 75°08'W 6-23-80	42°26'N, 63°55'W 11-28-90	3810	Scientific Staff ---	US PS	Scientific Staff ---	CA LL
41°00'N, 71°22'W 8-22-78	41°15'N, 69°15'W 8-28-90	4389	Scientific Staff ---	US PS	Richard Towers ---	N/A
36°50'N, 75°30'W 7-16-76	42°08'N, 70°20'W 7-14-90	5112	Scientific Staff ---	US PS	Kevin Scolla ---	N/A
36°50'N, 73°30'W 7-16-76	43°10'N, 70°09'W 7-26-90	5123	Scientific Staff ---	US PS	Randy Townsend ---	US HL
Coxes Ledge, RI 9-12-82	42°40'N, 60°48'W 10-31-86*	1510	Peter Jannitto H.E. Laurelli	R/R	NMFS Observer ---	JAP LL
41°00'N, 71°22'W 8-22-78	42°00'N, 65°40'W 8-15-89*	4011	Scientific Staff ---	US PS	J. C. Nickerson ---	CA LL

**Yellowfin Tuna**

No Release Data	Montauk, NY 9-29-90	---	---		George Main, II ---	R/R
40°30'N, 71°50'W 10-1-90	35°55'N, 74°53'W 11-20-90	50	Paul Litt ---	R/R	Matt Winchester ---	R/R
South Pass, LA 7-5-90	South Pass, LA 10-15-90	102	Paul Tatum Charles Ladnier	R/R	Rodney Cosse ---	R/R
Oregon Inlet, NC 6-5-90	Oregon Inlet, NC 9-28-90	115	Willie O. Foster Bull Tolson	R/R	Charlie Harrison Ritchie Howell	R/R
39°30'N, 72°20'W 8-25-89	40°40'N, 66°30'W 5-15-90	263	Mark Norkus Murray Labarr	R/R	Nelson Beideman ---	US LL
Challenger Bank, BD 9-15-89	18°26'N, 67°09'W 6-22-90	280	David Pantry ---	R/R	Julio Perez ---	N/A
39°51'N, 72°40'W 8-16-89	01°30'N, 15°39'W 12-31-90	502	Cory Angelini Frank Angelini	R/R	F.X. Bard ---	SP PS

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**Appendix 1 (continued)**

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**Yellowfin, cont.**

39°30'N, 72°20'W 9-26-87	07°52'N, 22°18'W 2-18-90	876	Ed Feret ---	R/R	Nobuyuki Kubo ---	JAP LL
Wachapreague, VA 6-22-86	03°00'S, 00°13'W 1-7-90	1295	Mark Burroughs Ed Burroughs	R/R	F.X. Bard ---	SP PS

\* = other years' recaptures reported in 1990

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Appendix 2. Captains who made outstanding contributions to CGFTP in 1990 by assisting in the tagging of 10 or more blue marlin (BM), white marlin (WM), sailfish (SF), tunas (TN), and swordfish (SW). Angler column signifies fish tagged by captains while fishing as anglers, and they are included in the total. Asterisk (\*) denotes a commercial longliner.

Captains	Species					Total	Tagged as Angler
	BM	WM	SF	SW	TN		
Luis Millan	20	41	281	0	0	342	0
Luis Suarez	15	117	169	0	0	301	0
Brad Simonds	70	2	77	0	0	149	20
John Bayliss	5	21	10	0	97	133	8
Randy Jendersee	63	3	34	0	0	100	0
Nelson Beideman*	15	12	0	39	27	93	0
Paul Ivey	1	2	71	0	4	78	0
Dennis Merten	0	2	11	0	64	77	14
Vernon "OB" O'Bryan	26	6	44	0	0	76	0
Frank "Skip" Smith	16	13	44	0	0	73	0
Charles Bouchard	0	0	70	0	0	70	33
Christian Benazeth	0	0	68	0	0	68	6
Hank Halliger*	6	8	12	35	7	68	1
Timothy McDonough*	11	8	6	31	11	67	0
Bill Borer	36	0	3	0	25	64	0
Rick Ross*	4	20	11	28	1	64	0
Dick Deason	15	5	40	0	0	60	0
Dean Adler	6	2	47	0	0	55	4
T Baker Dunn*	7	10	4	21	13	55	3
Maurice Schaub*	5	6	0	13	28	52	0
Larry Horne*	6	1	0	44	1	52	0
James Barnes	41	2	7	0	0	50	0
Fred Riffe	1	13	34	0	0	48	0
John Sabonis	48	0	0	0	0	48	10
Ally Mercier*	1	7	4	28	5	45	0
Keith Larson*	1	0	0	20	24	45	0
Ben Tribken	1	5	0	0	39	45	2
Mike Merritt	5	11	5	0	23	44	6
Ray Blume	38	4	2	0	0	44	0
George More	16	2	26	0	0	44	0
Bob Croswait	1	5	1	0	35	42	0
Dave Noling	2	0	37	0	0	39	0
Donald Merten	25	13	0	0	0	38	0
Timothy Hyde	0	7	31	0	0	38	5
Brynnar Parks	2	20	3	0	12	37	0
Mike Benitez	33	3	1	0	0	37	0
Fred Rushin	0	1	8	0	28	37	0
Butch Standeven	7	0	29	0	0	36	4
Robert Edsberg	0	5	31	0	0	36	0
Roger Martin	31	1	3	0	0	35	0
Hector Lopez F.	21	8	6	0	0	35	0
Brian Bennett	1	3	30	0	0	34	4
Mike McClamrock	34	0	0	0	0	34	0
Larry Thompson*	3	11	0	14	3	31	0
James Ranno	0	0	0	0	30	30	3
Richard Mears*	0	3	0	23	2	28	0
Juan Tito Martinez	26	2	0	0	0	28	0
Ed Dwyer	4	1	19	0	4	28	1
Bull Tolson	0	0	0	0	27	27	0
Joe Joachimowski	2	25	0	0	0	27	0
Mike Lemon	26	1	0	0	0	27	0
Bill Noll	0	0	26	0	0	26	1
Luis Brau	21	4	1	0	0	26	0

Appendix 2 (continued)

Captains	Species					Total	Tagged as Angler
	BM	WM	SF	SW	TN		
Jim Garrity	4	4	18	0	0	26	0
David Haralson	5	3	2	0	15	25	3
Joseph "Spike" Herbert	24	1	0	0	0	25	0
Alan Card	24	1	0	0	0	25	0
Don Hamilton	23	0	1	0	0	24	0
Al Anderson	0	5	0	0	18	23	1
Dan Mears*	0	3	0	9	11	23	0
Robert Reece	0	6	17	0	0	23	1
Wooda Wheeler	4	0	19	0	0	23	0
Michael Wyden	0	0	22	0	0	22	6
B R "Benji" Stansky	4	4	3	0	11	22	2
Gary Watson	0	1	21	0	0	22	3
Allen De Silva	20	2	0	0	0	22	0
Mike Stephens	0	1	21	0	0	22	0
Joe Riley	3	19	0	0	0	22	0
Kevin Brown	4	4	14	0	0	22	0
Jose Eduardo Alcaide	17	1	4	0	0	22	1
Alex Adler	0	0	22	0	0	22	0
David Rayne	16	0	6	0	0	22	1
John Kornahrens*	1	2	1	14	4	22	0
Kelvin "Red" Bailey	20	1	0	0	0	21	0
John Hanks*	3	3	2	10	3	21	0
Socko Gorenflo	0	0	21	0	0	21	1
Joe Motta	14	0	6	0	0	20	1
Charles Johnson*	0	0	0	20	0	20	0
Luis Umpierre	17	0	3	0	0	20	8
Mike Lepree	1	2	17	0	0	20	2
Mike Adkins	1	9	9	0	1	20	5
Paul Tagliavia	4	0	0	1	14	19	2
Bob Murphree	0	2	17	0	0	19	0
Jack Morrow	12	0	6	0	0	18	0
Mark Hill	0	14	4	0	0	18	0
Bruce Taymore	0	1	0	0	17	18	6
Ted D'Esposito	0	0	18	0	0	18	0
Fred Parsons	5	10	3	0	0	18	0
Scott Walker	0	4	13	0	0	17	0
Abelardo Ariza	17	0	0	0	0	17	0
Al Petrosky	15	2	0	0	0	17	0
Eric Carlson	2	0	13	0	2	17	3
Mark Geiger	0	0	17	0	0	17	2
Jim Bowman	4	3	9	0	0	16	0
Frank Godwin	1	0	15	0	0	16	0
Billy Black	14	0	2	0	0	16	1
Jeff Roberts	0	0	16	0	0	16	7
Alan Fields	0	13	3	0	0	16	0
Jaime Maldonado	16	0	0	0	0	16	0
Kevin Dillon	0	0	16	0	0	16	3
Jay Weed	1	0	15	0	0	16	1
Jimmy David	0	0	15	0	0	15	7
Robert Frevert	0	0	14	0	1	15	2
Tony Rizzo	0	0	1	0	14	15	1
Domingo Issac	13	1	1	0	0	15	1
Christian Einselen*	0	1	0	1	13	15	1
Dan Stephano	0	13	0	0	2	15	2
Ralph Vick	0	1	14	0	0	15	0
Bill Gamper	1	2	11	0	0	14	0

Appendix 2 (continued)

Captains	Species					Total	Tagged as Angler
	BM	WM	SF	SW	TN		
Luis Pinales	7	7	0	0	0	14	0
Clyde Upchurch	0	0	14	0	0	14	2
Frank Kirwin	1	0	13	0	0	14	0
J Culbert	1	0	13	0	0	14	1
Bill Horvath	0	2	0	0	12	14	4
James Mears*	0	0	0	7	7	14	0
Roy Lindback	0	0	14	0	0	14	0
John Peerson	8	0	2	0	4	14	6
Donald Sowers	1	13	0	0	0	14	1
John Magursky	0	7	6	0	0	13	0
Jack Falcucci	0	9	3	0	1	13	0
Lindsay Forde	0	0	13	0	0	13	1
Jul Plachter	1	0	12	0	0	13	0
Alex Wood	2	8	3	0	0	13	1
Geno Miller	10	0	3	0	0	13	1
Gary Beaver	0	0	12	0	0	12	6
David Roberts	6	0	0	0	6	12	0
Charles Sheldon	1	0	0	0	11	12	3
William Clark	11	0	1	0	0	12	0
Dean Jackson	0	0	12	0	0	12	5
Jack Reece	4	8	0	0	0	12	0
George Keenan	0	1	11	0	0	12	1
Victor Gonzalez	12	0	0	0	0	12	0
Bud Arwood	3	0	9	0	0	12	4
George Hehner	0	1	0	0	11	12	3
J B Harris	1	0	10	0	0	11	1
Santiago Domenech	11	0	0	0	0	11	4
Juan Torruella	11	0	0	0	0	11	5
Ron Rhoades	0	2	9	0	0	11	0
Harry Hall	11	0	0	0	0	11	0
Bob Zales	0	0	0	0	11	11	0
Steven Seaman	2	1	7	0	1	11	1
William Wolfe	0	4	7	0	0	11	0
Don Speicher	0	10	1	0	0	11	1
Phillip Kindla	0	0	11	0	0	11	0
David Reilly	0	0	11	0	0	11	0
Thomas Zsak	0	0	11	0	0	11	0
Don McWherter	0	6	4	0	0	10	0
Ron Mitchem	0	0	10	0	0	10	4
Don Clark	2	0	8	0	0	10	0
Jody Cenac	0	0	10	0	0	10	1
Robert Wadsworth	0	1	0	0	9	10	0
Bob Pelosi	0	0	10	0	0	10	0
Robert Hollinger	0	0	10	0	0	10	0
Robey Hatfield*	0	2	0	7	1	10	0
Ned Stone	6	0	4	0	0	10	1
Thomas Mechlin	1	1	8	0	0	10	3
Paul Mercier	1	0	9	0	0	10	0
William Aikens	9	1	0	0	0	10	0
Bob Collins	4	0	4	0	2	10	2
Rob Dixon	0	0	10	0	0	10	0
Robert Meloccaro	0	0	0	0	10	10	0
John Holley	2	3	5	0	0	10	0
Quico Rodriguez	9	0	1	0	0	10	1
Peter Dubose	0	9	1	0	0	10	0

**Appendix 3.** Anglers who made outstanding contributions to CGFTP in 1990 by assisting in the tagging of 10 or more blue marlin (BM), white marlin (WM), sailfish (SF), tunas (TN), and swordfish (SW). Captain column signifies fish tagged by anglers while fishing as captains, and they are included in the total.

Anglers	<u>Species</u>					Total	Tagged as Captain
	BM	WM	SF	SW	TN		
Rus Hensley	37	2	7	0	0	46	0
John Ted Snipes	2	0	42	0	0	44	0
Jim Edmiston	28	0	2	0	14	44	0
Hal Prewitt	0	1	38	0	4	43	0
Pete Barrett	0	0	0	0	40	40	19
Frank Braddick	0	0	0	0	38	38	4
Lee Alonzo	6	6	25	0	0	37	9
Page Robertson	2	19	3	0	12	36	0
Ronald Ellis	0	5	30	0	0	35	0
Robert Rowan	0	1	0	0	30	31	3
Alan Gelfuso	0	2	0	0	28	30	14
Mel Immergut	1	0	1	0	26	28	0
J Richard Jeck	0	0	28	0	0	28	0
John Uhr	8	1	18	0	0	27	0
John Armstrong	1	3	23	0	0	27	0
Tim Leo	0	0	27	0	0	27	3
Rob Constantineau	1	0	26	0	0	27	0
Ichiro Takahashi	0	1	25	0	0	26	0
Alan E Cordts	0	0	0	0	24	24	6
Ron Schatman	7	3	11	0	0	21	3
Katie Riffe	1	7	13	0	0	21	0
Robert Perholtz	3	0	17	0	0	20	0
Jack Clark	0	1	19	0	0	20	0
Adrienne Sorg	0	0	20	0	0	20	1
John Heyer	0	0	0	0	19	19	9
Thomas Armillotto	0	0	18	0	0	18	7
Dionisio Romero	0	0	18	0	0	18	0
Jim Boyd	0	0	18	0	0	18	8
Marc Giraud	1	4	11	0	1	17	0
Sara Devine	0	4	13	0	0	17	0
C M D Romero	1	2	14	0	0	17	0
Don Vliegenthart	1	6	10	0	0	17	0
William Spolar	16	0	0	0	0	16	2
Joe Brodesser	5	0	11	0	0	16	3
Harvey Lamm	0	3	13	0	0	16	0
Elizabeth Perreten	0	2	14	0	0	16	0
John Hundley	3	0	13	0	0	16	0
Ralph Christiansen	13	2	0	0	0	15	0
W Fenwick	0	14	0	0	0	14	0
Paul Litt	0	0	0	0	14	14	0
Thomas Dulka	1	0	0	0	12	13	6
Frank Mather	0	0	0	0	13	13	6
Lyla Hamby	0	3	10	3	3	13	6
Chester Broman	3	0	0	0	10	13	0
Ted Sorg	0	1	11	0	0	12	0
Patti Fenwick	2	10	0	0	0	12	0
Steve Bischoff	0	0	11	0	0	11	0
Brian Barnhill	4	2	5	0	0	11	2
Edward Gayton	11	0	0	0	0	11	0
Les Alberthal	2	2	1	0	6	11	0
Lawrence Furman	0	10	1	0	0	11	1
Pat Ross	0	0	11	0	0	11	1



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**Appendix 3 (continued)**

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<b>Anglers</b>	<b><u>Species</u></b>					<b>Total</b>	<b>Tagged as Captain</b>
	<b>BM</b>	<b>WM</b>	<b>SF</b>	<b>SW</b>	<b>TN</b>		
Rick Eisenacher	0	4	7	0	0	11	1
Anthony Visentin	0	0	0	0	11	11	3
Warren Polidori	0	0	11	0	0	11	0
David Pantry	1	0	0	0	10	11	5
Jack Dougherty	0	7	3	0	0	10	4
Joseph Walker	1	0	9	0	0	10	0
William Hirni	0	0	10	0	0	10	0
Frank Lahage	7	0	3	0	0	10	0
Damon Benedict	0	0	10	0	0	10	2
Donald O'Connor	1	0	9	0	0	10	0
Bill Martini	0	0	10	0	0	10	1
Rob Pelosi	0	0	10	0	0	10	0
Tony Altavilla	0	0	0	0	10	10	0

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